### **ATTACHMENT 9**

### 3D Tomography imaging of the CSL logs

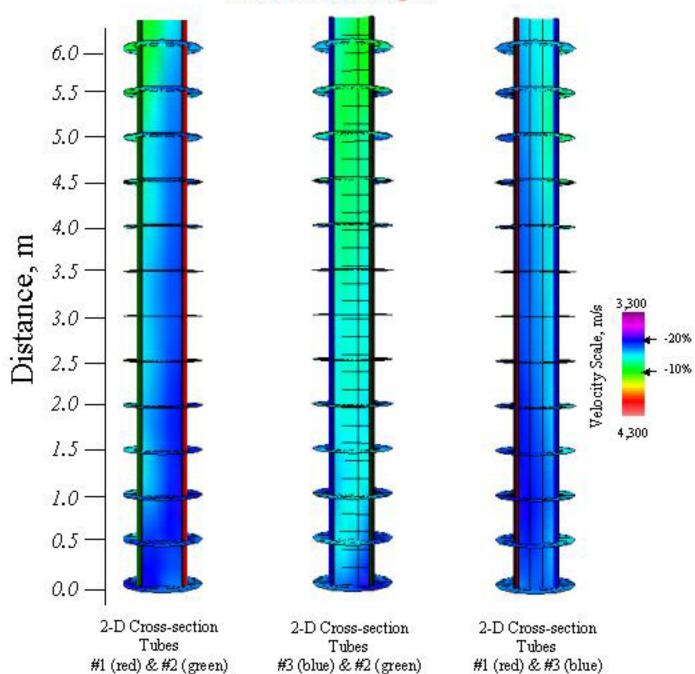
### **Abutment 1 Shaft 2**

CARSON RIVER BRIDGE ERFO BIA WASH 1(1)

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2

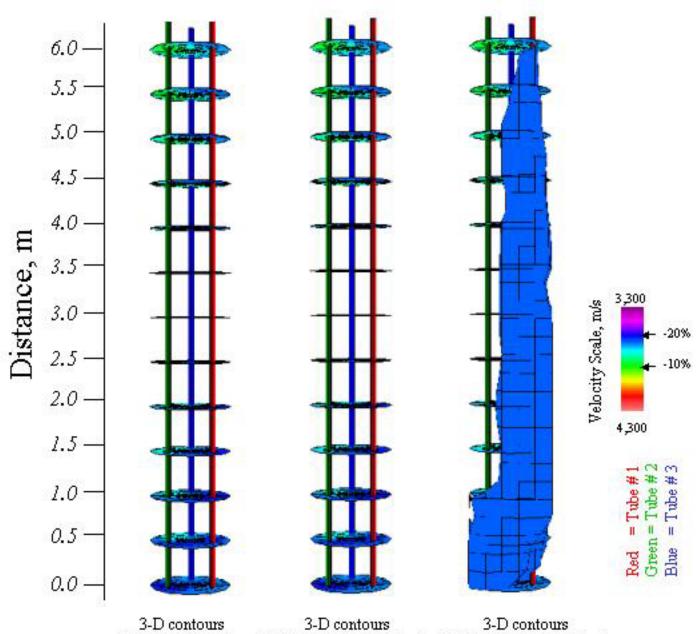


OFFSET = -1,200 mm

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



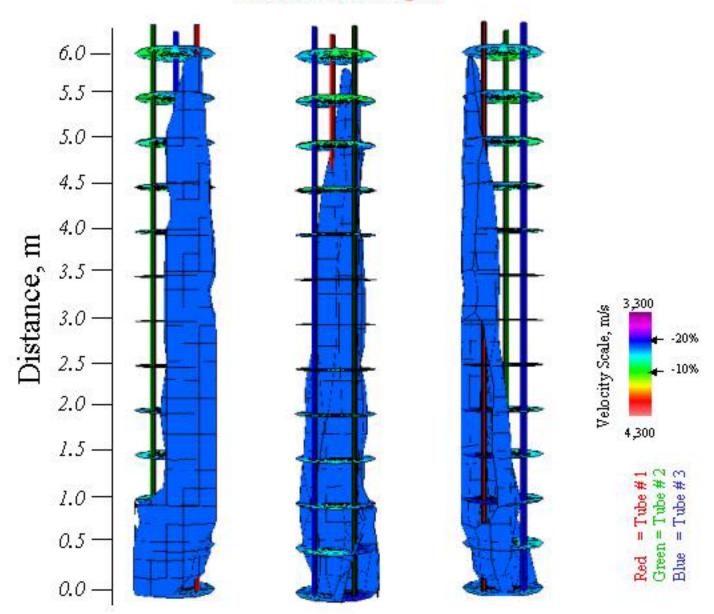
3-D contours 3-D contours 3-D contours

Maximum Velocity 10 % of the Max. Velocity 20 % of the Max. Velocity

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2

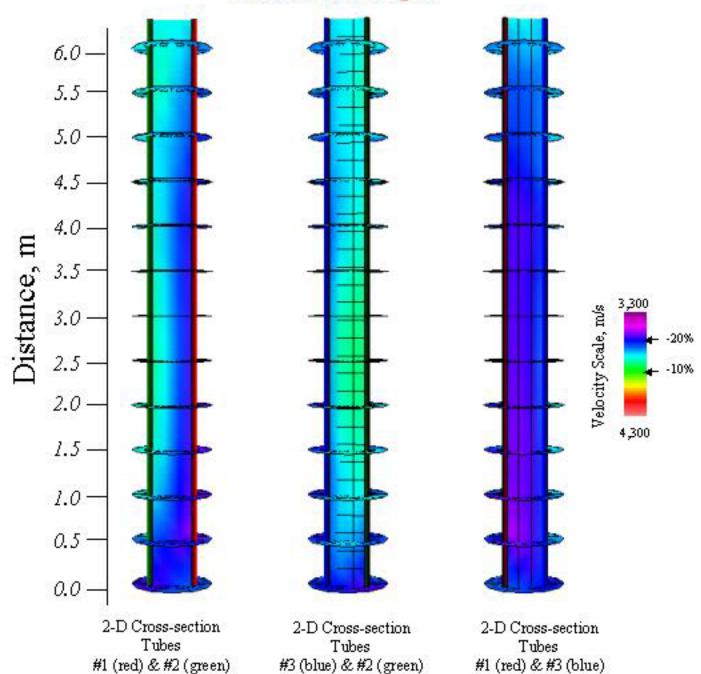


Rotated Tomographic Images showing the 3-D contours of the Max., 10% & 20% Velocities

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2

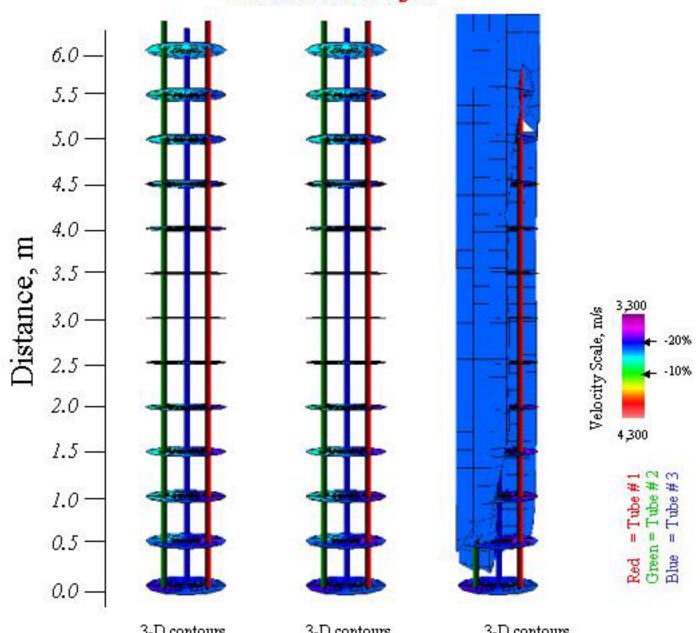


OFFSET = -900 mm

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



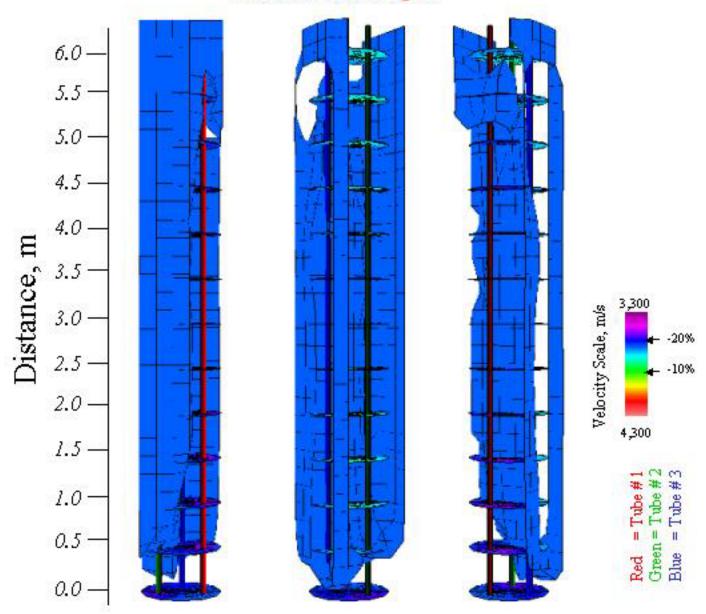
3-D contours 3-D contours 3-D contours

Maximum Velocity 10 % of the Max. Velocity 20 % of the Max. Velocity

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2

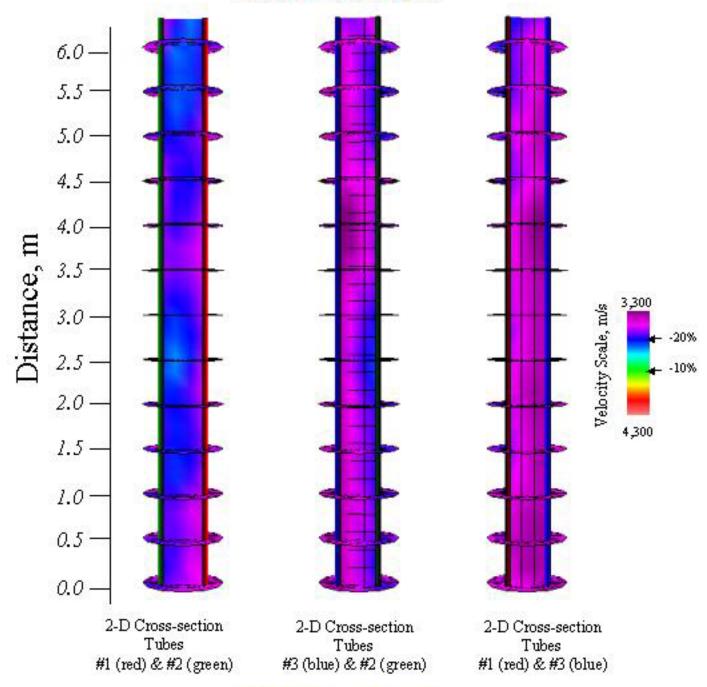


Rotated Tomographic Images showing the 3-D contours of the Max., 10% & 20% Velocities

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2

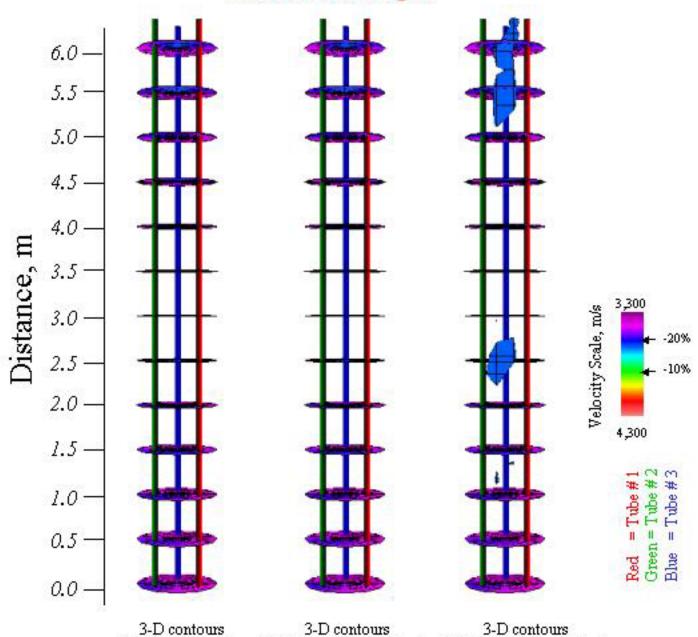


OFFSET = -450 mm

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



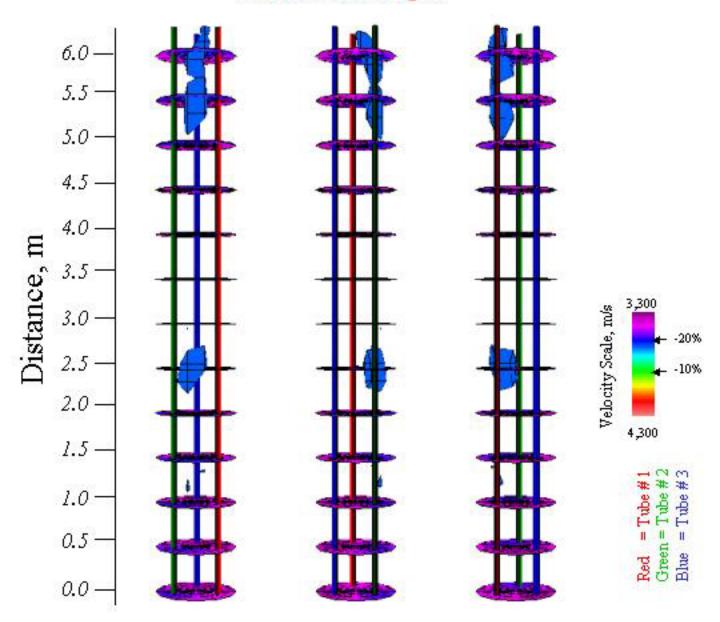
3-D contours 3-D contours 3-D contours

Maximum Velocity 10 % of the Max. Velocity 20 % of the Max. Velocity

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2

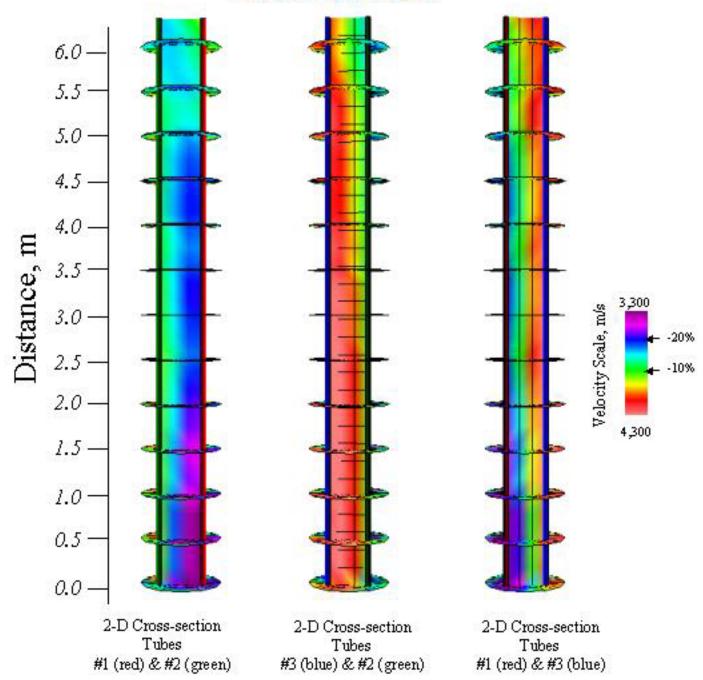


Rotated Tomographic Images showing the 3-D contours of the Max., 10% & 20% Velocities

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2

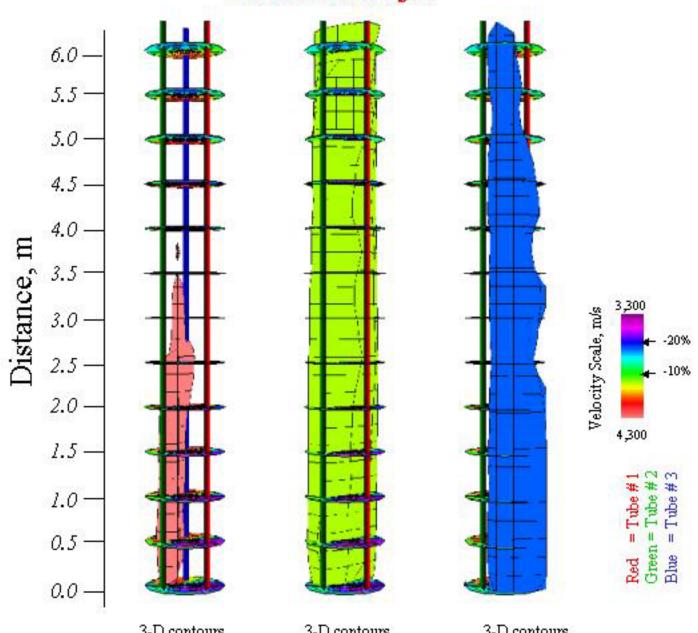


OFFSET = 0 mm

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



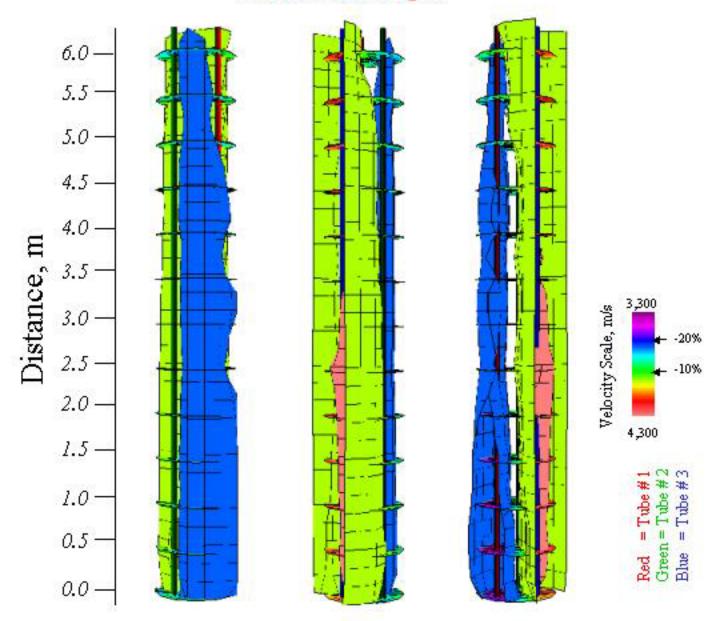
3-D contours 3-D contours 3-D contours

Maximum Velocity 10 % of the Max. Velocity 20 % of the Max. Velocity

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2

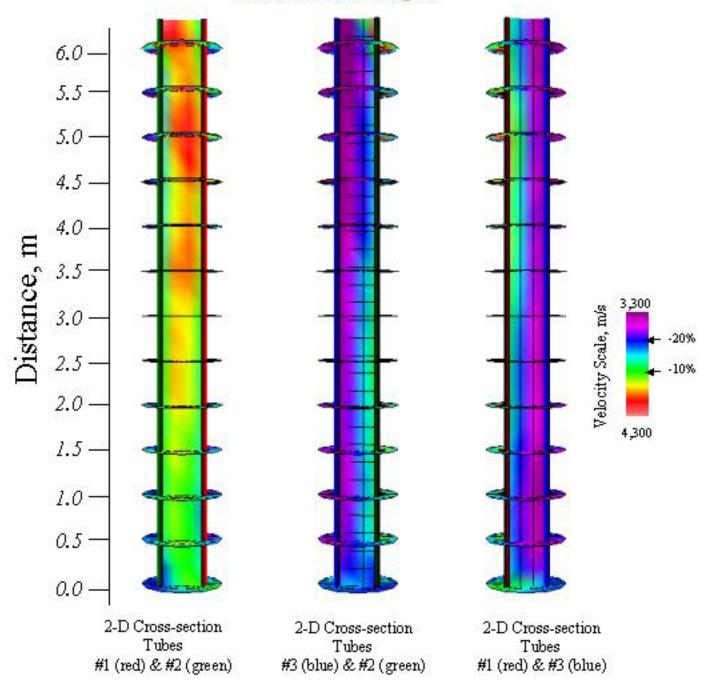


Rotated Tomographic Images showing the 3-D contours of the Max., 10% & 20% Velocities

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2

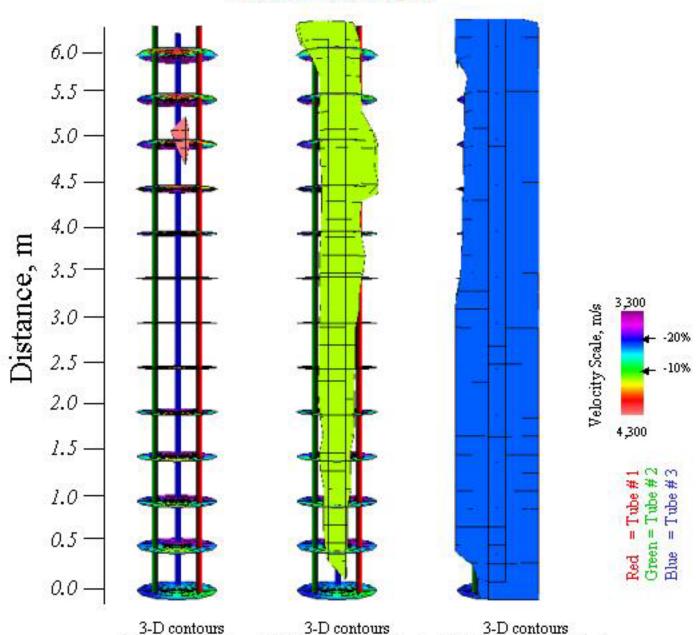


OFFSET = +450 mm

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



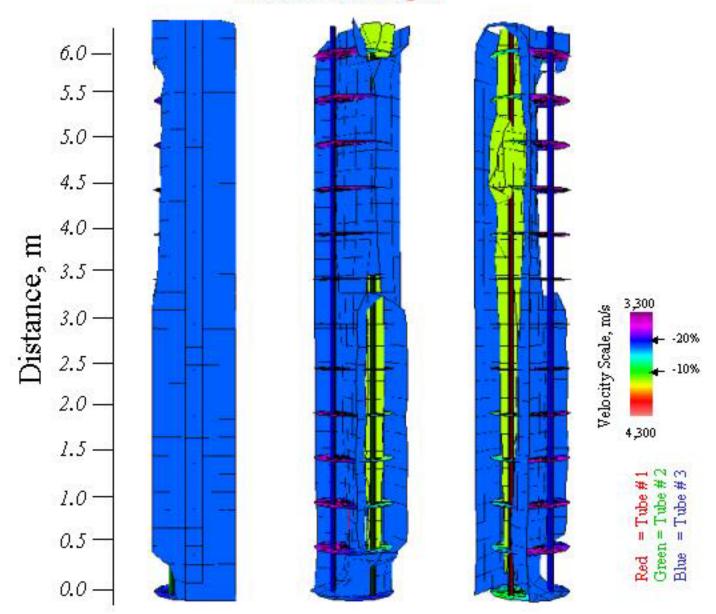
3-D contours 3-D contours 3-D contours

Maximum Velocity 10 % of the Max. Velocity 20 % of the Max. Velocity

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2

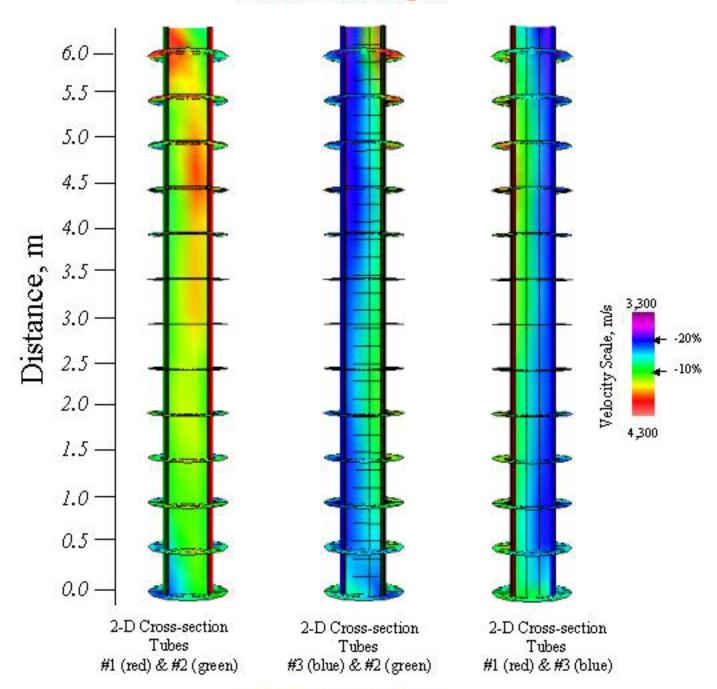


Rotated Tomographic Images showing the 3-D contours of the Max., 10% & 20% V elocities

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2

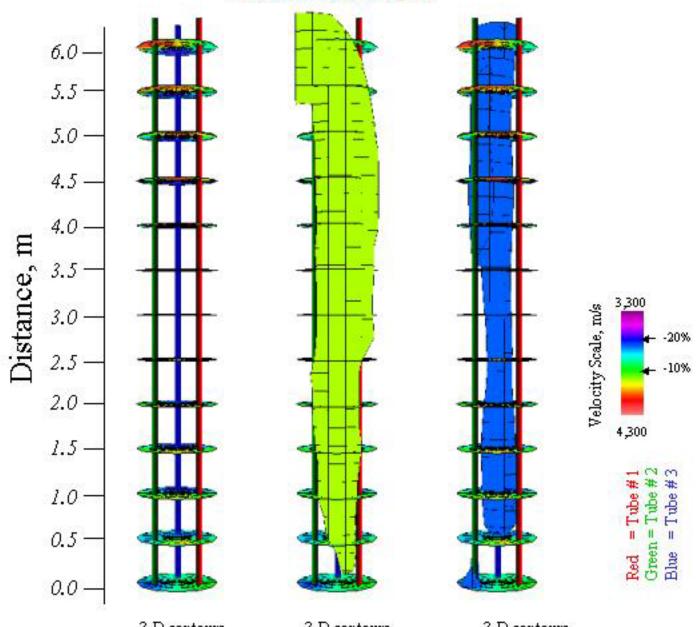


OFFSET = +900 mm

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



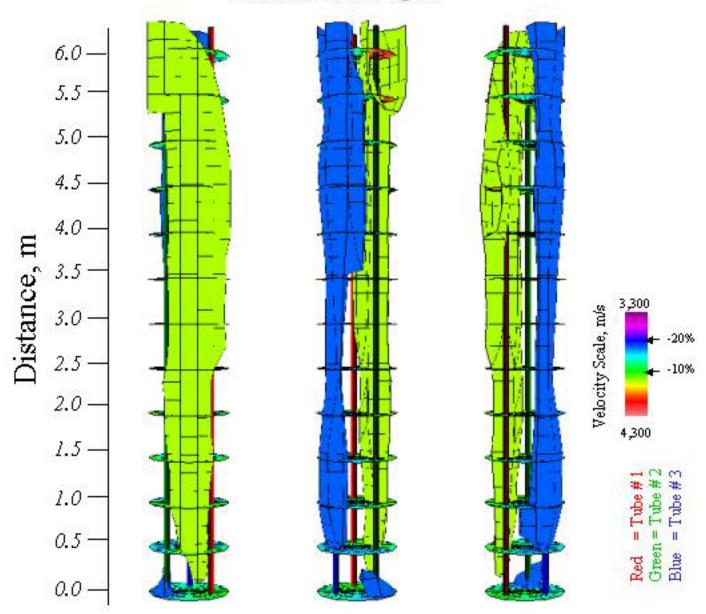
3-D contours 3-D contours 3-D contours

Maximum Velocity 10 % of the Max. Velocity 20 % of the Max. Velocity

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2

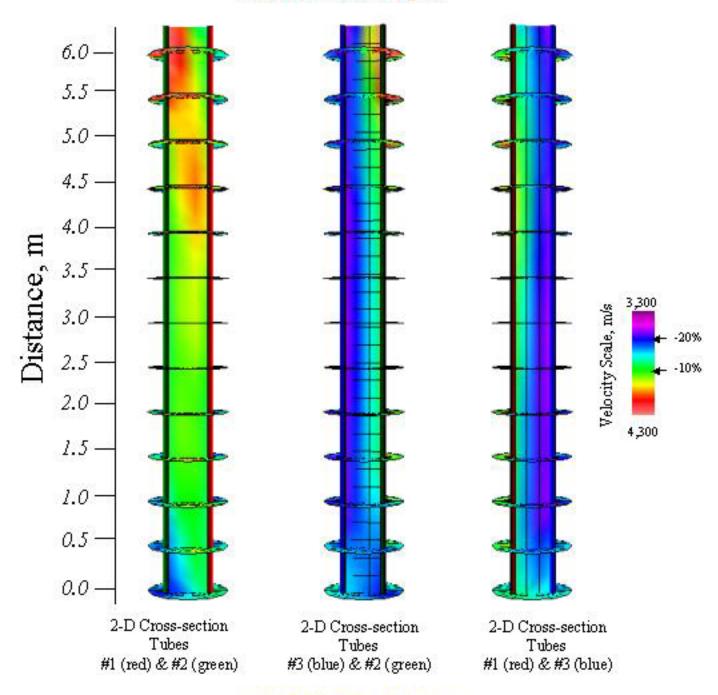


Rotated Tomographic Images showing the 3-D contours of the Max., 10% & 20% V elocities

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2

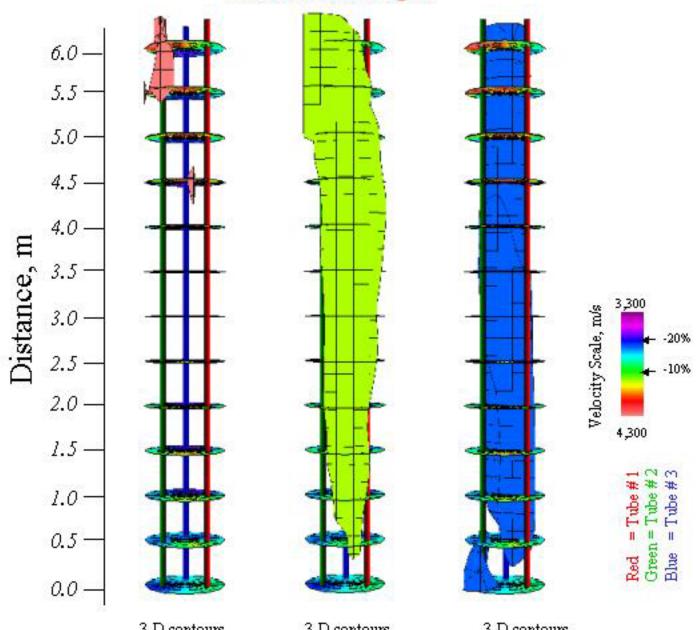


OFFSET = +1,200 mm

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



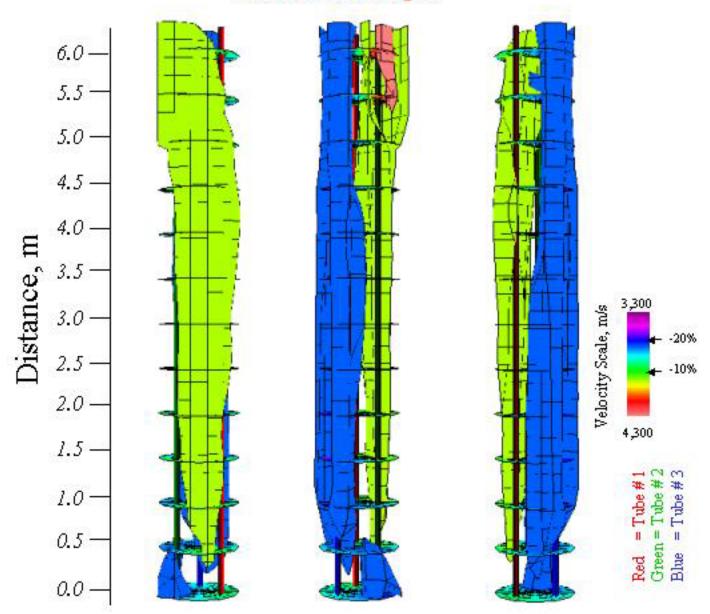
3-D contours 3-D contours 3-D contours

Maximum Velocity 10 % of the Max. Velocity 20 % of the Max. Velocity

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2

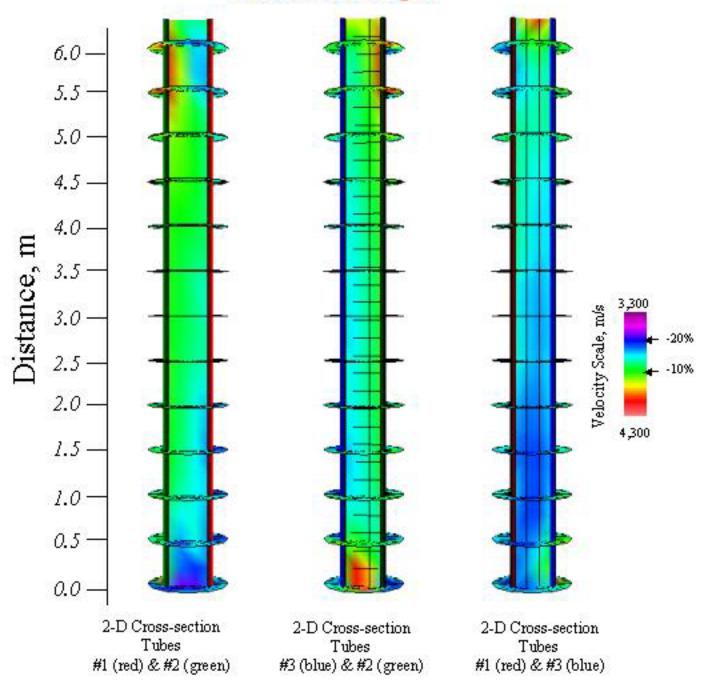


Rotated Tomographic Images showing the 3-D contours of the Max., 10% & 20% Velocities

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2

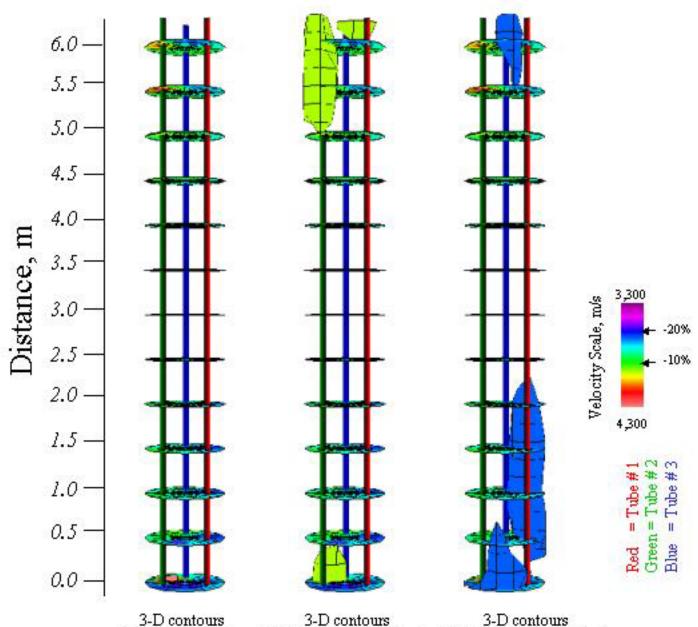


OFFSET = -1,200 mm, 0 mm, +1,200 mm

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



3-D contours 3-D contours 3-D contours

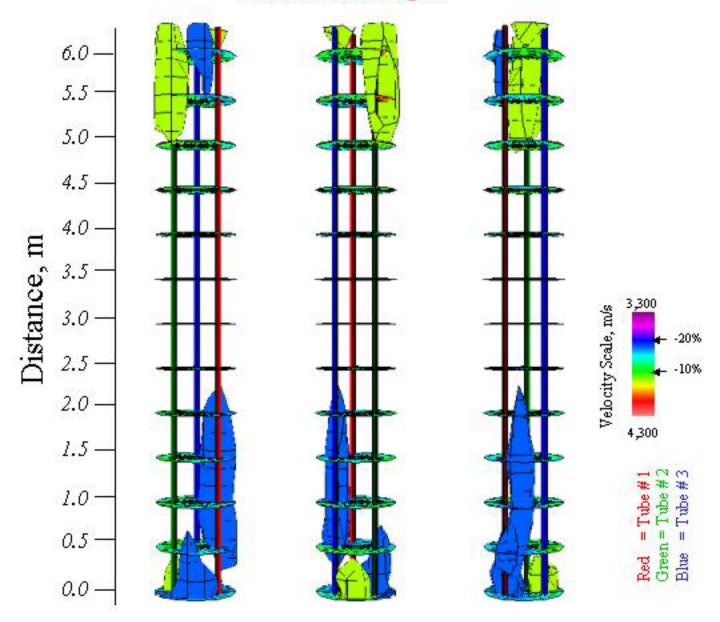
Maximum Velocity 10 % of the Max. Velocity 20 % of the Max. Velocity

OFFSET = -1,200 mm, 0 mm, +1,200 mm

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



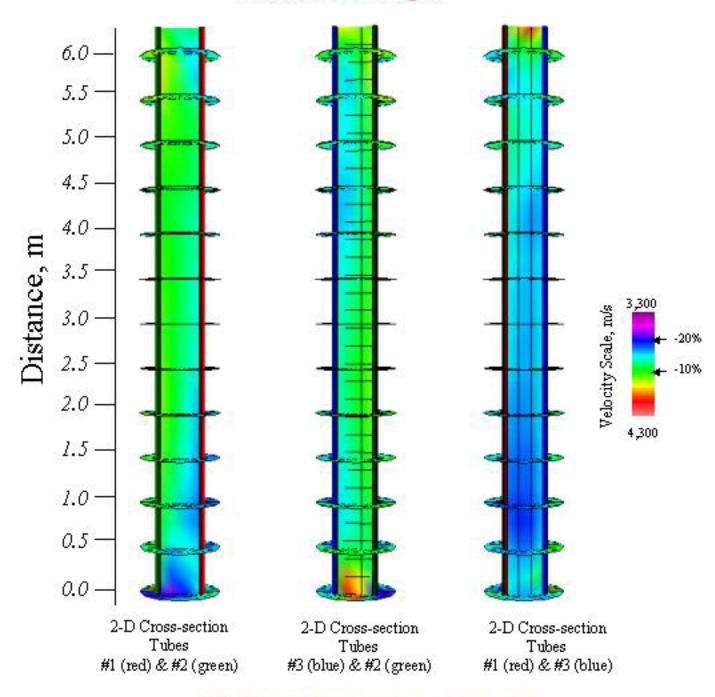
Rotated Tomographic Images showing the 3-D contours of the Max., 10% & 20% Velocities

OFFSET = -1,200 mm, 0 mm, +1,200 mm

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2

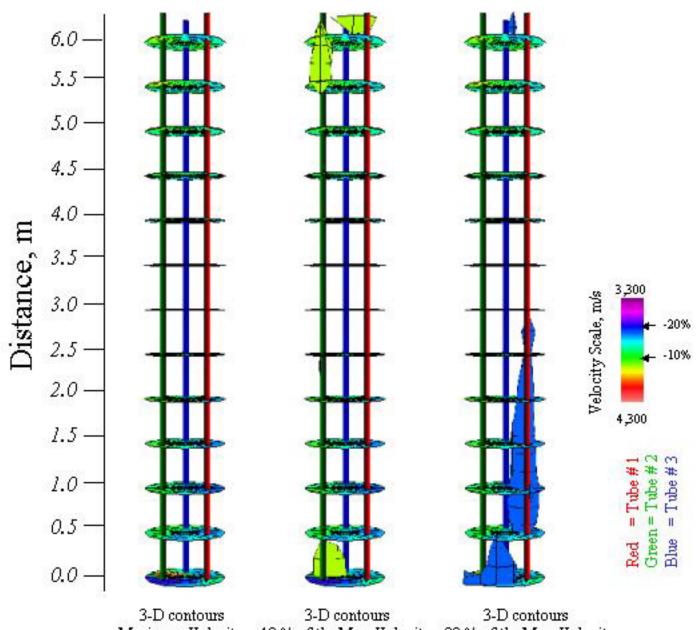


OFFSET = -900 mm, 0 mm, +900 mm

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



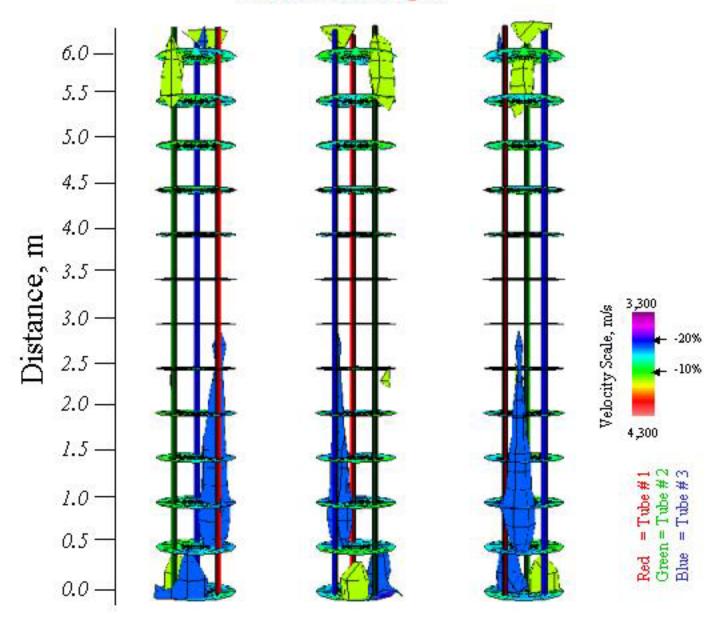
Maximum Velocity 10 % of the Max. Velocity 20 % of the Max. Velocity

OFFSET = -900 mm, 0 mm, +900 mm

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



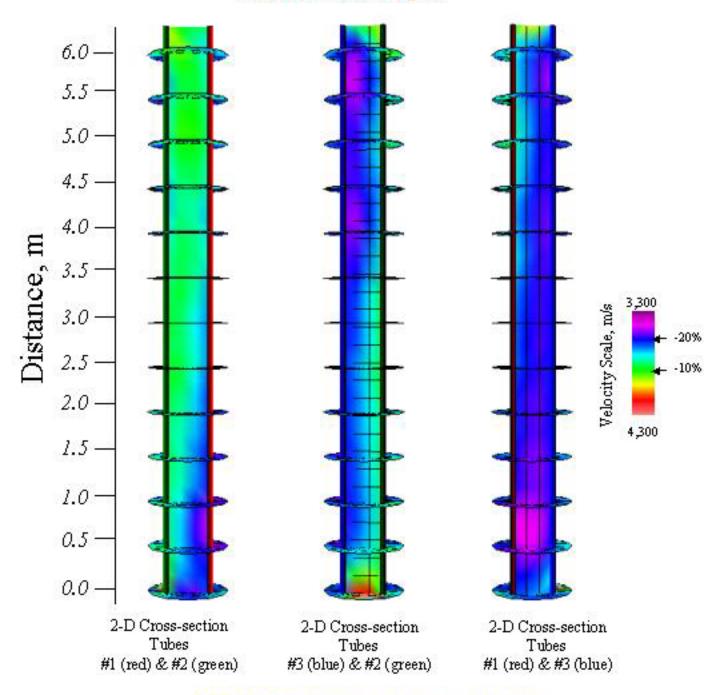
Rotated Tomographic Images showing the 3-D contours of the Max., 10% & 20% V elocities

OFFSET = -900 mm, 0 mm, +900 mm

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2

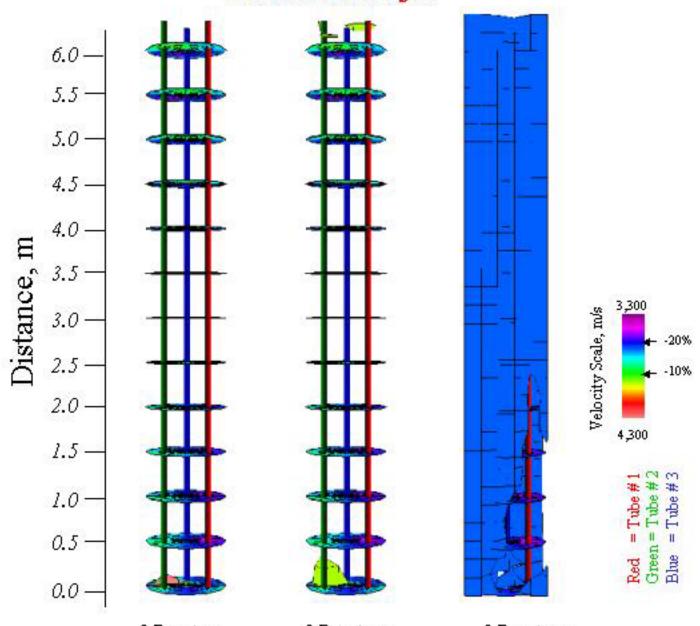


OFFSET = -450 mm, 0 mm, +450 mm

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



3-D contours 3-D contours 3-D contours

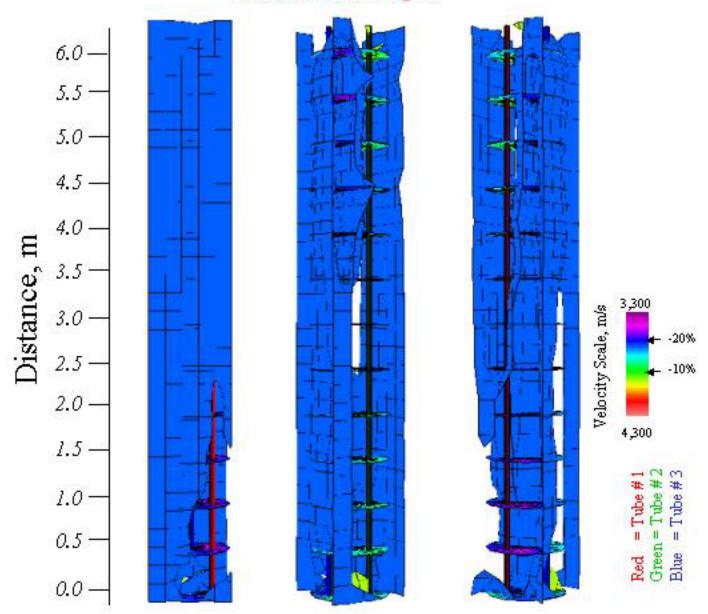
Maximum Velocity 10 % of the Max. Velocity 20 % of the Max. Velocity

OFFSET = -450 mm, 0 mm, +450 mm

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



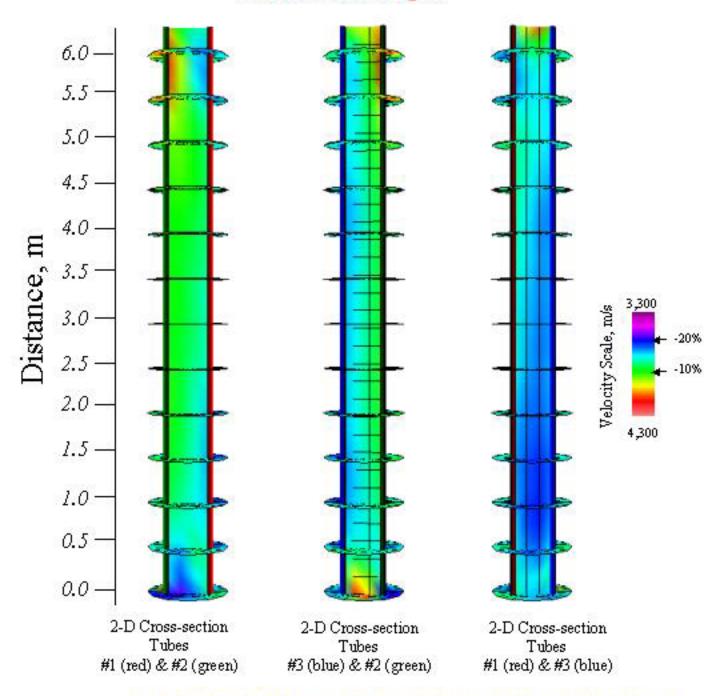
Rotated Tomographic Images showing the 3-D contours of the Max., 10% & 20% Velocities

OFFSET = -450 mm, 0 mm, +450 mm

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2

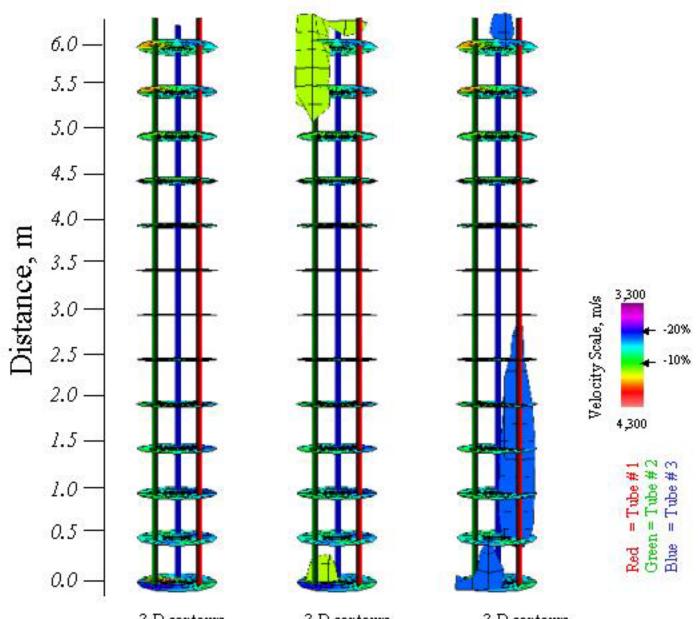


OFFSET = -1,200 mm, -900 mm, 0 mm, +900 mm, +1,200 mm

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



3-D contours 3-D contours 3-D contours

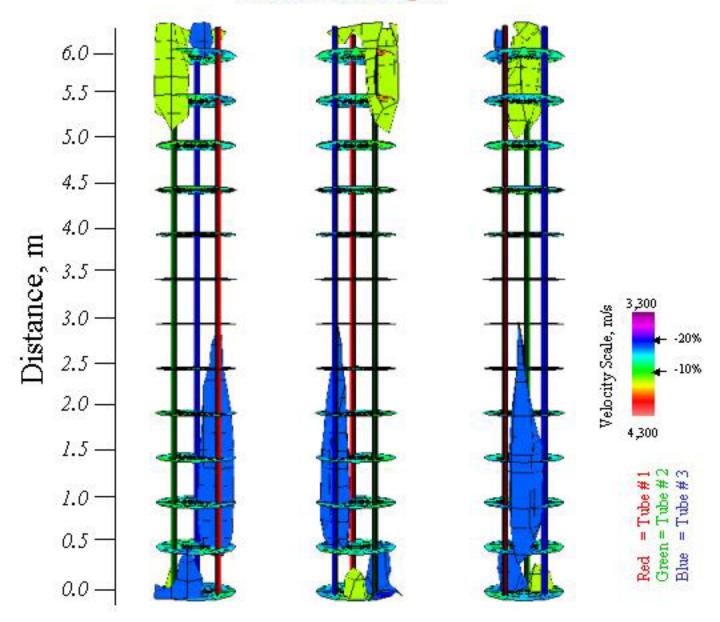
Maximum Velocity 10 % of the Max. Velocity 20 % of the Max. Velocity

OFFSET = -1,200 mm, -900 mm, 0 mm, +900 mm, +1,200 mm

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



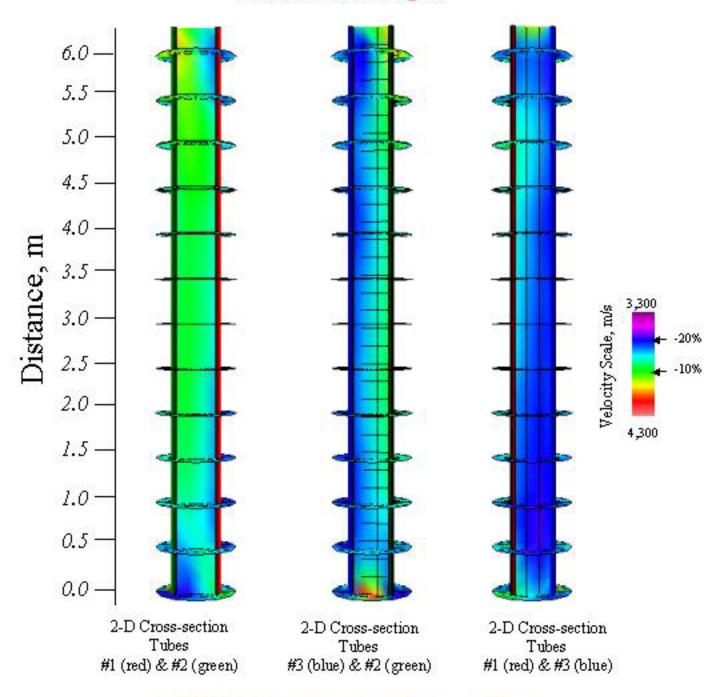
Rotated Tomographic Images showing the 3-D contours of the Max., 10% & 20% Velocities

OFFSET = -1,200 mm, -900 mm, 0 mm, +900 mm, +1,20 mm

ERFO BIA WASH 1(1)

TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2

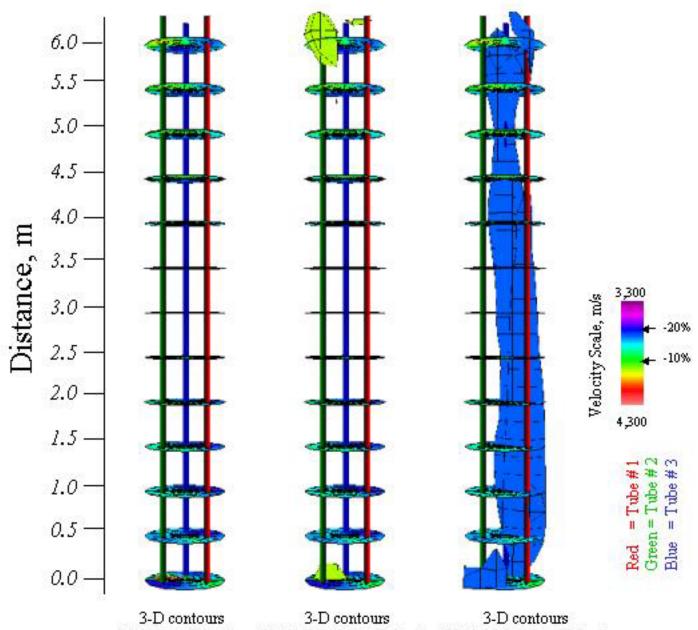


OFFSET = -1,200 mm, -900 mm, -450 mm, 0 mm, +450 mm, +900 mm, +1,200 mm

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



3-D contours 3-D contours 3-D contours

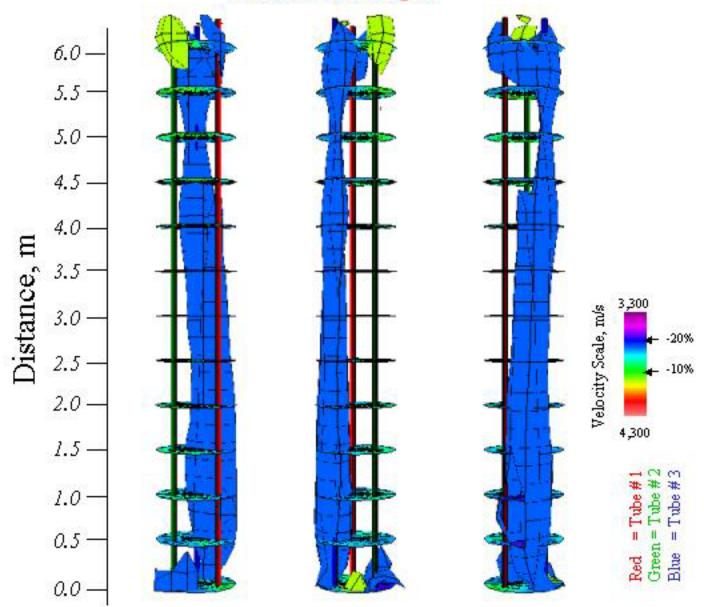
Maximum Velocity 10 % of the Max. Velocity 20 % of the Max. Velocity

OFFSET = -1,200 mm, -900 mm, -450 mm, 0 mm, +450 mm, +900 mm, +1,200 mm

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



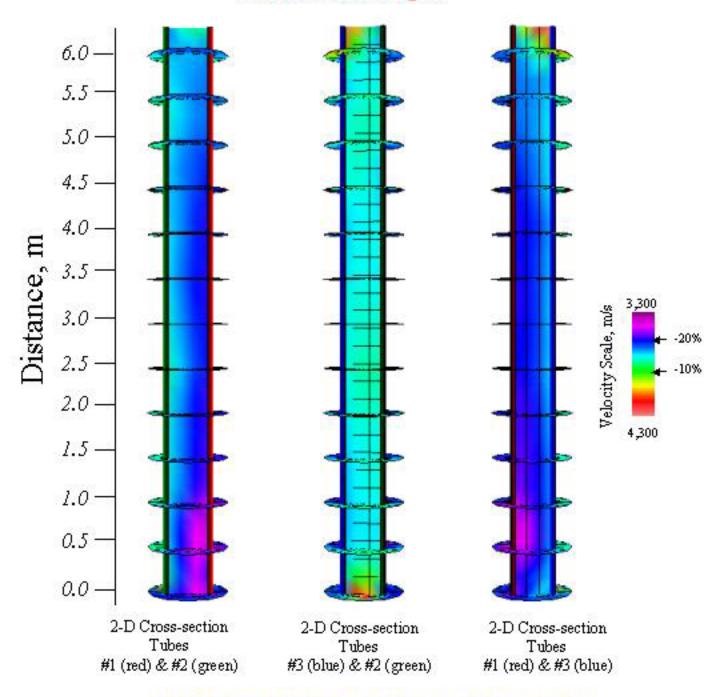
Rotated Tomographic Images showing the 3-D contours of the Max., 10% & 20% Velocities

OFFSET = -1,200 mm, -900 mm, -450 mm, 0 mm, +450 mm, +900 mm, +1,200 mm

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2

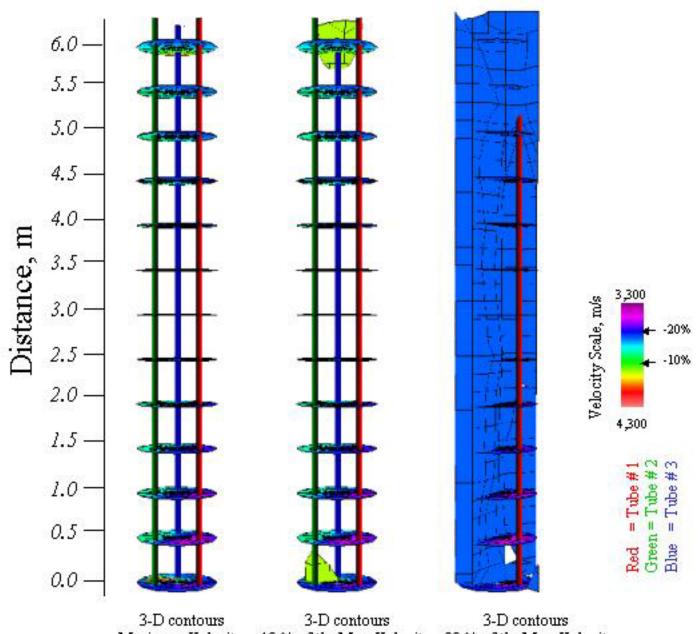


OFFSET = -1,200 mm, -900 mm, -450 mm, 0 mm

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2

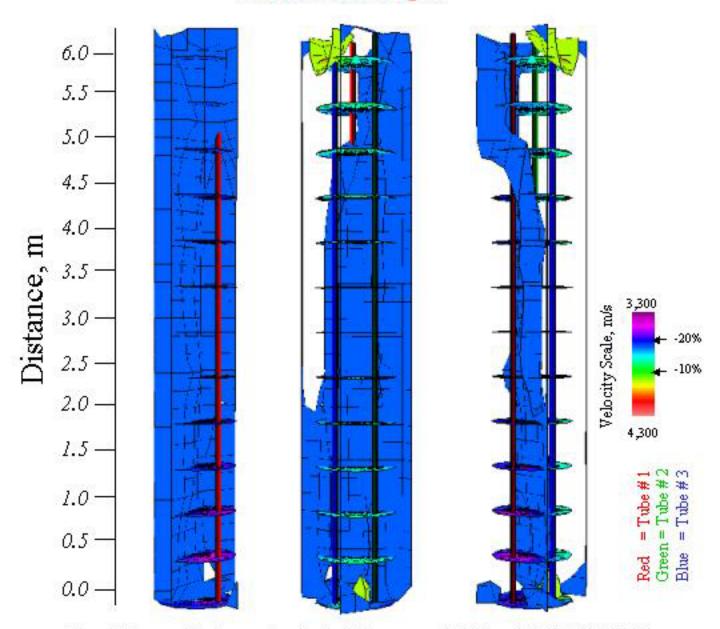


10 % of the Max. Velocity 20 % of the Max. Velocity Maximum Velocity

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2

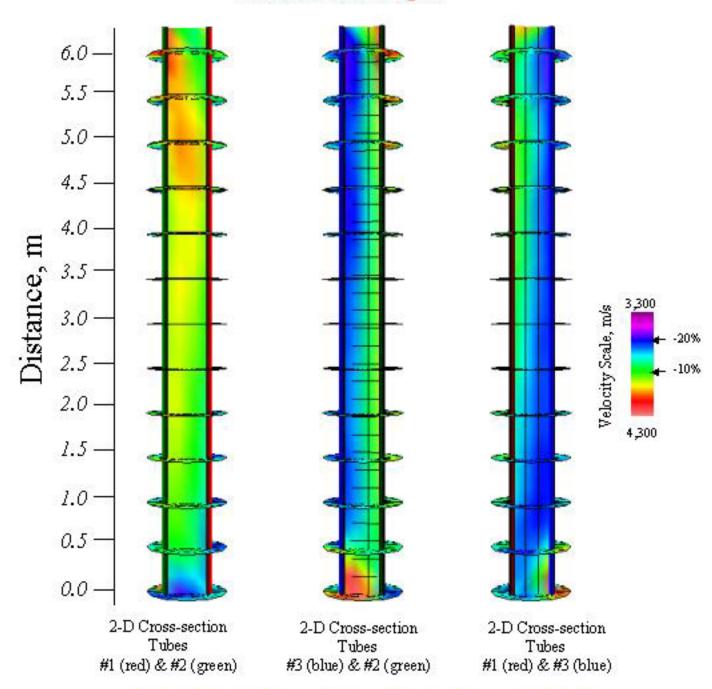


Rotated Tomographic Images showing the 3-D contours of the Max., 10% & 20% V elocities

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2

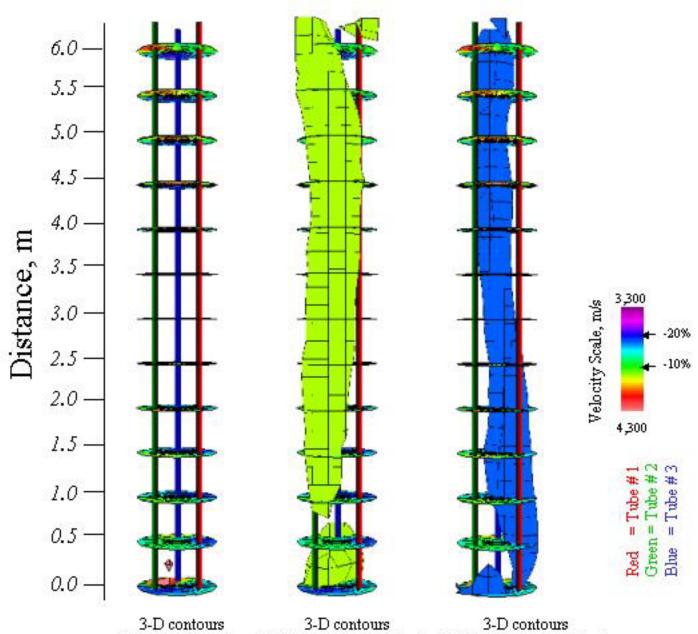


OFFSET = 0 mm, +450 mm, +900 mm, +1,200 mm

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



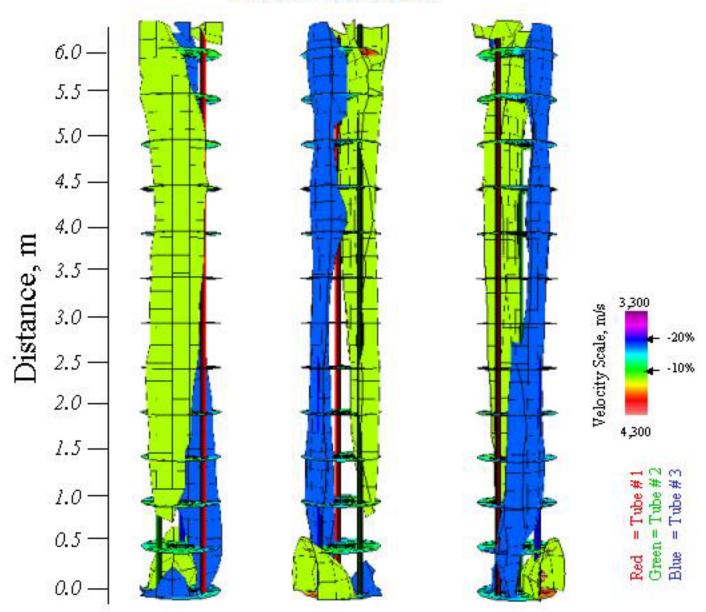
3-D contours 3-D contours 3-D contours

Maximum Velocity 10 % of the Max. Velocity 20 % of the Max. Velocity

ERFO BIA WASH 1(1)

### TOMOGRAPHIC IMAGING OF

Abutment 1 Shaft 2



Rotated Tomographic Images showing the 3-D contours of the Max., 10% & 20% V elocities